

STALAGMITE DISSOLVING SPITTOON SYSTEM
FOR INKJET PRINTHEADS

Abstract of the Disclosure

- 5 A spittoon system is provided for avoiding formation of an ink stalagmite during spitting of a pigment-based ink from a first printhead of an inkjet printing mechanism. First, ink is spit from a second inkjet printhead containing a dye-based ink formulation and accumulated in a pool defined by spittoon reservoir having a catch basin. The catch basin is configured to splatter and dissipate the
- 10 pigment-based ink upon impacting the accumulated pool of ink. The spittoon preferably has funnel-shaped tapering walls that resist collection of the pigment-based ink, to avoid formation of an initial base portion of the ink stalagmite. A method of avoiding formation of such an ink stalagmite, along with an inkjet printing mechanism having such a spittoon system, are also provided.